

WHAT IS CLAIMED IS:

1. An electronic apparatus comprising:
a housing having an outer wall; and
a push button secured to the outer wall by an arm
5 and overlapping the arm, the arm being elastically
deformable to move.
2. The electronic apparatus according to claim 1,
wherein the arm and the push button are formed integral
with each other.
- 10 3. The electronic apparatus according to claim 1,
wherein the outer wall and the arm are formed integral
with each other.
- 15 4. The electronic apparatus according to claim 1,
further comprising a frame secured to the outer wall
and supporting the arm.
5. The electronic apparatus according to claim 4,
wherein the arm and the frame are formed integral with
each other.
- 20 6. The electronic apparatus according to claim 4,
wherein the outer wall has a hole in which the frame is
fitted.
7. The electronic apparatus according to claim 4,
wherein the push button comprises a base and a button
top larger than the base, and the arm extends from the
25 base to the frame and is covered by the button top.
8. The electronic apparatus according to claim 7,
wherein the frame surrounds the base and the arm

protrudes inside the frame.

9. The electronic apparatus according to claim 1,
wherein the housing has a switch which opposes the push
button and which is to be actuated when the push button
5 is depressed.

10. An electronic apparatus comprising:
a housing having an outer wall;
a frame secured to the outer wall and having
a plurality of arms which is elastically deformable to
10 move; and

a push button held between the arms, overlapping
the arms and being able to move with respect to the
frame.

11. The electronic apparatus according to
15 claim 10, wherein the push button comprises a base and
a button top larger than the base, and the arms couple
the base and the frame together and are covered by the
button top.

12. The electronic apparatus according to
20 claim 10, wherein the frame, the arms and the base are
made of synthetic resin and formed integral with each
other, and the arms are arranged symmetrically with
respect to the base.

13. The electronic apparatus according to
25 claim 10, wherein the outer wall has a hole in which
the frame is fitted.

14. An electronic apparatus comprising:

a housing having a button region;
a push button arranged in the button region; and
an arm which is provided between the push button
and the button region, which overlaps the push button
5 and which supports the push button, allowing the push
button to move with respect to the button region.

15. The electronic apparatus according to
claim 14, wherein the housing, the arm and the push
button are formed integral with one another.

10 16. The electronic apparatus according to
claim 14, wherein the button region includes a recess
defined by side wall which surround the push button,
and the arm protrudes toward the push button from the
side wall.

15 17. The electronic apparatus according to
claim 14, wherein the push button comprises a base and
a button top larger than the base, and the arm couples
the base and the side wall together and is covered by
the button top.

20 18. A push button unit comprising:
a frame;
an arm protruding inside the frame and having
an end which elastically deformable to move; and
a push button supported by the arm, being able to
move with respect to the frame and overlapping the arm.
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19. The push button unit according to claim 18,
wherein the frame, the arm and the push button are made

of synthetic resin and formed integral with one another.

20. The push button unit according to claim 18,
wherein the push button comprises a base and a button
5 top larger than the base, and the arm couples the base
and the frame together and is covered by the button
top.